

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jerzy B. Chlistunoff et al.

**Docket No.: S-99,905**

Serial No.:

Examiner:

Filed : July 31, 2003

**Art Unit:**

For : OXYGEN-CONSUMING CHLOR-ALKALI CELL CONFIGURED TO MINIMIZE PEROXIDE GENERATION

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56, 1.97, AND 1.98**

Sir:

The documents listed below, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56.

1. Takayuki Shimamune et al., "Electrolytic Cell Employing Gas Diffusion Electrode," U. S. Patent 6,117,286, issued September 12, 2000.
2. Donald L. Caldwell et al., "Electrochemical Cell with Improved Energy Efficiency," U. S. Patent 4,752,369, issued June 21, 1988.

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

## MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the:  
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## FACSIMILE

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Date \_\_\_\_\_

July 31, 2003

Signature

Signature Samuel J. Borlowsky

Samuel L. Borkowsky  
(type or print name of person certifying)

3. Rudolf Staab et al., "Gas Diffusion Electrode with a Hydrophilic Covering Layer and Process for its Production," U. S. Patent 4,563,261, issued January 07, 1986.
4. Frank Solomon, "Three Layer Laminated Matrix Electrode," U. S. Patent 4,500,647, issued February 19, 1985.
5. Mahlon S. Wilson, "Fuel Cell Membrane Humidification," U. S. Patent 5,952,119, issued September 14, 1999.
6. Douglas K. Rogers, "Gas Electrode Shutdown Procedure," U. S. Patent 4,364,806, issued December 21, 1982.
7. Ronald L. LaBarre, "Air-Depolarized Chlor-Alkali Cell Operation Methods," U. S. Patent 4,221,644, issued September 09, 1980.
8. Douglas K. Rogers, "Gas Electrode Operation," U. S. Patent 4,364,805, issued December 21, 1982.
9. Robert J. Allen, "Gas Electrode Assembly for Use in Electrochemical Cells and Method," U. S. Patent 5,047,133, issued September 10, 1991.

This Information Disclosure Statement is not to be construed as a representation that a search has been made or that additional matter material to the examination of this application does not exist. Applicant does not believe that any of these citations constitutes prior art under 35 U.S.C. 102.

It is requested that the above citations be made of record in the prosecution of this application.

Respectfully submitted,

Date: July 31, 2003

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Form PTO-1449 U.S. Department of Commerce  
(Modified) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

37 CFR 1.98(b)

Attorney Docket No.

S-99,905

Serial No.

Applicant(s)

Jerzy Chlistunoff et al.

Filing Date

July 31, 2003

Group

**U.S. PATENTS DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER									ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
			6	1	1	7	2	8	6	09/12/00	Shimamune et al.	204	252	10/16/98
			4	7	5	2	3	6	9	06/11/88	Caldwell et al.	204	252	11/05/84
			4	5	6	3	2	6	1	01/07/86	Staab et al.	204	290	09/06/84
			4	5	0	0	6	4	7	02/19/85	Solomon	502	101	09/28/82
			5	9	5	2	1	1	9	09/14/99	Wilson	429	34	02/24/97
			4	3	6	4	8	0	6	12/21/82	Rogers	204	98	05/08/81
			4	2	2	1	6	4	4	09/09/80	LaBarre	204	98	08/14/79
			4	3	6	4	8	0	5	12/21/82	Rogers	204	98	05/08/81
			5	0	4	7	1	3	3	09/10/91	Allen	204	258	06/28/90

**OTHER DOCUMENTS** (Including Author, Title, Date, Place of Publication)


EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.